

Paula Nye Memorial Bicyclist and Pedestrian Education Grant

Summer Bike/Walk Sense & Bike Sense Cops for Kids Safety Program 2017



Louisville Metro Government

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Louisville Metro Bike/Pedestrian Program Description:

Louisville Metro Government continues to provide Bicycle & Pedestrian efforts in *non-infrastructure* categories of program implementation. The Louisville Bicycle & Pedestrian Program is broken down into “Five E’s,” and “Three P’s” respectively. Both models are nationally recognized models for structuring such programs. The Five E’s are (presented by the League of American Bicyclists Louisville’s Bike Master Plan):

- 🚲 **Encouragement**
- 🚲 **Education**
- 🚲 **Engineering**
- 🚲 **Enforcement**
- 🚲 **Evaluation**

The Three P’s are (in order presented in the several planning documents such as Seattle’s 2010 Pedestrian Master Plan):

- 🚶 **Projects**
- 🚶 **Policy’s**
- 🚶 **Programs**



100 bikes were handed out in honor of Muhammad Ali to children who successfully completed the Summer Bike Sense Program

- ***Purpose:***

The purpose of this project is to implement and maintain the vital Bicycle & Pedestrian programs and projects which fall under the scope of the Four E’s and Two P’s described above. While capital improvement projects are essential in developing a safe and popular Bicycle & Pedestrian network, the non-infrastructure elements are equally (if not more) important.

For instance, they are the elements which reach out to **educate** the vast population of *non-bicyclists*: the motoring public. When new bicycle and pedestrian facilities are built, the public at large must be educated about how to drive alongside them in order to ensure the safety of *all* road users as well as the efficient operation of the network. This is but one example of countless ways in which these non-infrastructure programs are vital to our efforts to create a bicycle-friendly and walkable Louisville.

- ***Scope:***

As mentioned, this application is for funding of programs in our non-infrastructure project categories. Although the scope of activities included in these Four E’s and Two P’s are extremely broad, a tremendous impact can be made with the relatively small amount of funding requested. In looking over the following (non-exhaustive) project scope for these Four E’s and Two P’s, bear in mind that many projects cross boundaries and serve multiple purposes at once. To give one of numerous examples, programs that **enforce** bicycling and walking very often serve to **educate** the public about issues as well.

Summer Bike/Walk Sense and Bike Sense Cops for Kids Description:

Lead: Louisville Metro Public Works

Estimated number of people reached: 500

Desired Funding: \$9,400

In the Netherlands and Germany, all school age children have received extensive instruction on safe walking and bicycling practices by the age of 10. In partnership with the Louisville Metro Police Department, and Metro Parks have partnered to expand the Bike Sense program into the Metro Park's Summer Camp Program. In addition to the Bike Sense and Bike Sense Cops for Kids Program, the Walk Sense will also be taught to youth participating in the Summer Camp Program.



• *Bike/Walk Sense Background:*

The Summer Bike/Walk Sense Program helps educate our youth to bicycle and walk defensively, to anticipate dangerous situations, and to react appropriately. The Bike Sense program is one of the most popular Louisville Metro Summer Camp Programs. A pilot program was implemented at three Louisville Metro Community Center Summer Camps in 2011 reaching around 60 youth. The success of the program allowed it to expand and reach all 9 Louisville Metro Community Center Summer Camps during the summer of 2013 and 2014. During 2014, 350 youth were reached by the program and 64% of children indicated they had not previously participated in the Bike Sense program. In 2016, the Bike Sense curriculum reached over 400 youth in eleven community centers in Louisville, KY. The pre-test was administered to 388 students, and 183 students were administered the post-test. During the program, 17 youth successfully learned to ride a bicycle for the first time. Students from all targeted community centers correctly answered an average of 63% of the pre-evaluation questions and 83% of the post-evaluation questions, overall resulting in a 20% increase in bike safety knowledge due to the program.

• *Bike/Walk Sense 2017 Scope:*

The Bike/Walk Sense Program implementation will begin the first part of June 2017 and end the last part of July 2017. The number of people targeted during this program will be at a minimum of the number of youth who enroll in the Bike Sense program. An anticipated ten, one week long summer Youth Cycling Safety Programs camps with on average 50 youth per camp will be implemented. Therefore, an estimated number of 500 youth would be potentially reached during the 2017 summer. This is a population who would not normally be reached, so through this program, youth will learn how to ride and walk safely in a fun and exciting class. In addition to the Community Center Bike Sense program the advanced Bike Sense curriculum will be expanded to provide those youth who excel at cycling an opportunity to bring their cycling skills to the next level.



The classes will be taught by Louisville's more than ten Certified League Cycling Instructors (LCIs), individuals who have undergone intensive training

to become certified as bicycle safety educators. In an effort to further engage our future teachers, the program as set up a student teaching internship opportunity through the University of Louisville school of Education, Heath & Sport Sciences. Each Bike Sense graduate will be awarded a bicycle helmet if they do not already own one.

The Summer Bike Sense program has led to a number of other youth bicycle education opportunities inducing the Bike Sense off-road short track program. Bike Louisville piloted an advanced off-road short track program at Louisville's World Class Cyclocross Park. The three day program was a huge hit with those youth who excelled in the Summer Bike Sense program. The program allowed youth to practice their bike handling skills while engaging in vigorous physical activity.

In honor of Muhammad Ali, Schwinn Bicycle Company donated 100 bicycles to those kids who successfully completed the Summer Bike Sense program.



- ***Bike Sense Cops for Kids Background:***

The Bike Sense Cops for Kids program also launched in the summer of 2011 in three communities. This allows children of the community to be taught not only how to ride a bike safely and properly, but allows for their bike safety skills to be reinforced in a positive way. The Bike Sense enforcement piece was modeled after the Minneapolis "Bike Cops for Kids" program that provides bike safety outreach to children in the Minneapolis area by School Liaison officers during the summer months. During the 2013 summer, the Bike Cops for Kids program was implemented to six Community Center neighborhoods, but this grant would allow for all 9 community centers to revive the Bike Sense Cops for Kids program. During 2013 and 2014 Louisville Metro Police Officers reached thirty nine and fifty eight youth respectively while patrolling. During 2016, our Bike Sense Cops for Kids program stalled due to a change in shift hours from 8 hours to 12 hours. This prevented officers from patrolling the streets on bikes as part of the Bike Sense Cops for Kids Program. Instead, they helped prepare and hand out 100 bicycle's which were donated by Schwinn Bicycle Company to those kids who successfully completed the Summer Bike Sense program.

The enforcement piece of the Bike Sense Program is only one key element of a bigger goal within the Bike Sense Program: youth outreach. The Bike Sense Program provides a link between officers and youth for enforcement, encouragement and engagement within local neighborhoods, where a police presence is often stigmatized by youth in a negative way. The ultimate goal of enforcing the Bike Sense program is to use bike safety as a catalyst to create positive interactions between law enforcement officers and youth. What is unique to the summer Bike sense program is an Louisville Metro Police Department Bicycle Patrol aspect.



- ***Bike Sense Cops for Kids 2017 Scope:***

Since the 2016 Bike Sense Cops for Kids funding wasn't spent, we won't be asking for any additional funding and will use the existing funds to fund the 2016 Bike Sense Cops for Kids program. Instead of working with the division managers to schedule the officers, we have partnered with the Louisville Metro Police Departments Community Relations Division. This division has greater flexibility and will be able to schedule and implement the Bike Sense Cops for Kids 2017 program! The officers scope of work will include, officers on bicycles to ride around each of the community centers and hand out educational checklists to youth who are not following the rules of the road. Based on 2015 results, it is estimated that sixty youth or 6 youth per community center will be reached while patrolling. The educational checklists can be used as a free admission ticket into one of the several summer bicycle safety youth classes. The classes will be taught by Louisville's more than ten Certified League Cycling Instructors (LCIs), individuals who have undergone intensive training to become certified as bicycle safety educators. In an effort to further engage our future teachers the program as set up a student teaching internship opportunity through the University of Louisville school of Education,



Heath & Sport Sciences. The classes will teach our youth to walk and bicycle defensively, to anticipate dangerous situations, and to react appropriately. Each graduate will be awarded a bicycle helmet if they do not already own one.

Summer Bike/Walk Sense and Bike Sense Cops for Kids Evaluation Plan

Results will be measured in several areas. The number of officer educational citations will act as one indicator where as a formal assessment rubric for each youth cycling class will also be administered. These indicators will determine how many citations were handed out and if the students are retaining the information which is taught during the youth cycling classes.

Estimated Budget:

Project Elements	Estimated Budget
➤ 500 Bicycle Helmets (Helmets R US provided a bicycle helmet quote of \$7.50 per helmet / shipping included)	\$ 3,700
➤ Bicycle Maintenance Equipment/Repair (Bicycle pump, Spare Bicycle Tubes, Basic Repair Kit)	\$ 300
➤ LMPD Officer/Sergeant Over Time (\$50/hr)	\$ 0,00
➤ 10 Youth Cycling Safety Classes (\$480/class)	\$4,800
➤ 500 Pedestrian Safety Coloring & Activity Books (\$0.80/book)	\$400
➤ 1 bicycle trailer that an officer can attach to their bicycle to carry helmets	\$200
Total Project	\$ 9,400

